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			U.S. PATEN	DOCUMENTS				
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date	
DR	1	4,932,975	06/12/1990	Main et al.				
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			U.S. PATEN	T DOCUMENTS					
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing	Date	
DR	1	5,458,641	10/17/1995	Ramirez Jimenez		7	<u> </u>		
DR	2	5,540,689	07/30/1996	Sanders et al.					
DR	3	5,702,455	12/30/1997	Saggar					
			FOREIGN PAT	ENT DOCUMENTS					
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	5 PCT Written Opinion for Int'l App. No. PCT/US98/22285; Int'l Filing Date-21 October 1998, mailed 14 January 1999. [Atty Docket No. KLYC 1000-CIP-1-CIP-1 (WO)] NOT A PRINTED PUB.								
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	O'	THER DOCU	MENTS (Includ	e Author, Title, Date, Pertinent page	s, etc.)			
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	(Use several sheets if necessary)		Filing/Issue Date October 20, 1998	Group Art 373	t Unit 🔟	6	12
		U.S. PATENT	Γ DOCUMENTS				
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Da	ate
De	2,677,369	5/4/54	Knowles		7		
DR	5,458,638	10/17/95	Kuslich et al.	$\perp \perp \perp \perp$		_	
DR	5,593,409	1/14/97	Michelson				
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE Attorney Docket Number KLYC 1000 CIP-1 SRM

Serial/Patent Number 03/958,281 09/473,173

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)

Applicant/Patent Owner James F. Zucherman, et al.

Filing/Issue Date October 27, 1997

Group Art Unit 3731

	<u>r</u>		U.S. PATE	NT DOCUMENTS ·	1		
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date
DR	1	3,426,364	02/1969	Lumb		-7	
	2	3,648,691	03/1972	Lumb et al.			
	3	3,867,728	02/1975	Stubstad et al.			
	4	4,309,777	01/1982	A. A. Patil	<u> </u>		
	5	4,349,921	09/1982	Kuntz			
	6	4,401,112	08/1983	Rezaian		1/	
	7	4,479,491	10/1984	Martin	<u> </u>	<u> </u>	
	8	4,501,269	02/1985	Bagby		/	
	9	4,553,273	11/1985	K. K. Wu			
	10	4,599,084	07/1986	Nashef			
	11	4,636,217	01/1987	Ogilvie et al.			
	12	4,657,550	04/1987	Daher			•
	13	4,714,469	12/1987	Kenna			
	14	4,743,256	05/1988	Brantigan		<u>.l</u>	
	15	4,772,287	09/1988	C. D. Ray			
	16	4,790,303	12/1988	Steffee			
	17	4,834,757	05/1989	Brantigan			
	18	4,878,915	11/1989	Brantigan			
	19	4,904,260	02/1990	C. D. Ray			
	20	4,904,261	02/1990	Dove et al.			
	21	4,936,848	06/1990	Bagby			
	22	4,961,740	10/1990	Ray et al.			
	23	5,011,484	04/1991	Bréard			
	24	5,015,247	05/1991	Michelson			
	25	5 5,026,373	06/1991	Ray et al.			
	26	5 5,055,104	10/1991	Ray			
	2	7 5,059,193	10/1991	Kuslich			
DR	2	8 5,258,031	11/1993	Salib et al.	TL	7	1



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Sheet 2 of 2

U.S. PATENT DOCUMENTS								
Examir Initia			; Document Number	Date	Name	Class	Subclass	Filing Date
PK	2	29	5,263,953	11/1993	Bagby		7	
		30	5,496,318	03/1996	Howland et al.			
		31	5,092,866	03/03/1992	Breard et al.			
		32	5,180,381	01/19/1993	Aust et al.		/	
\perp		33	5,387,213	02/07/1995	Breard et al.			
		34	5,395,372	03/07/1995	Holt et al.			
		35	5,415,661	05/16/1995	Holmes			
<u>نى نۇ</u>	2	36	5,645,599	07/08/1997	Samani	1		
				<u> </u>				
				FOREIGN PAT	TENT DOCUMENTS			
Exan Init		·	Document Number	Date	Country	Class	Subclass	Trans- <u>lation</u> Yes No
\overline{P}	2	37	DE 2821 678 B2	22.11.79	Germany		17	No
		38	EPO 0322334 A1	08.12.88	EPO			No
		39	WO90/00037	11 Jan. 1990	PCT			Yes
		40	2015507	1991/04/26	Canadian			Yes
	Ţ	41	DE 31 13 142 A1	14.01.82	German			
		42	SU 1484348 A1	07.06.89	Soviet Union			
		43	WO 91/16018	31.10.1991	PCT			
4	R	44	FR 2 681 525-A1	26.03.93	France	1		
			OTHER DO	CUMENTS (Inc	clude Author, Title, Date, Pertinent pages,	etc.)		
7	R	45	Haruo Tsuji, et al., <i>Ceram</i> Disorders, Vol.3, No.1, pp	ic Interspinous Bla .77-86, ©1990 Rav	ock (CISB) Assisted Anterior Interbody en Press, Ltd., New York	y Fusion,	Jounral of S	pinal
7)R	46	Richard W. Porter, MD, F. 17, pp.2046-2052, ©1996,		al Stenosis and Neurogenic Claudicati Publishers	ion, SPINI	E Volume 2	l, Number
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